

Arboviral Surveillance Report

August 28, 2017

Surveillance

This report provides data on week 34 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. We have successfully placed gravid traps throughout the City of Chicago and continue to monitor them twice a week for the duration of the mosquito-breeding season. Twenty-three (23) mosquito pools tested positive for WNV from 10 different community areas.

Mosquitoes (data from 82 traps)

Week 34 (08/20/17 – 08/26/17)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	1,098
Number of Pools Tested	102
Number of Pools Positive	23
Number of Community Areas with Positive Mosquito Pools	10
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,731
Number of Female <i>Culex</i> Trapped and Tested	11,098
Number of Pools Tested	1,120
Number of Pools Positive	160
Number of Community Areas with Positive Mosquito Pools	26

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Austin, Avalon Park, Avondale, Belmont Cragin, Beverly, Chatham, Chicago Lawn, Dunning, East Garfield Park, Edison Park, Forest Glen, Gage Park, Greater Grand Crossing, Hegewisch, Lincoln Park, Lincoln Square, New City, O'Hare, Pullman, Riverdale, South Deering, South Lawndale, Washington Heights, West Pullman, West Town

Dead Birds: To date, 12 dead birds have been collected: 1 was positive, 8 were negative, and 3 were unable to be tested.

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 89 females and 40 males

Humans: 1 case reported

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is moderate. Residents are urged to take standard precautions against getting mosquito bites.

Larval and Adult Mosquito Control Efforts

Surveillance crews continue to monitor catch basins to assess the level of larvicide efficacy. Tire piles in northern and southern areas of the City have been targeted for larvicide treatment. A truck ULV application is scheduled for Wednesday night in southern Chicago.